

Date: Fri, 5 Aug 94 13:09:16 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #879
To: Info-Hams

Info-Hams Digest Fri, 5 Aug 94 Volume 94 : Issue 879

Today's Topics:

 * SpaceNews 08-Aug-94 *
 3Y0PI
 Bay Area Livermore hamfest
 INFO WANTED: Yaesu FT-530
 Mobile Radio in Dodge Caravan?
 Ramsey SlyFox (2 msgs)
 RFD rec.antiques.radio+phono
 Technician No Code (2 msgs)
 Wayne Green Live!
 WEFAX Reception

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Aug 94 14:34:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 08-Aug-94 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0808
* SpaceNews 08-Aug-94 *

BID: \$SPC0808

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SpaceNews
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MONDAY AUGUST 8, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* DOVE NEWS *
=====

Jim White reports that DOVE is running a new set of software that tests the digital to analog converter and other hardware and software capabilities of the satellite. DOVE now transmits digitally generated tones through the DAC and exercises software that implements two way communications between on-board processors.

[Info via WD0E]

* REVISED AO-13 SCHEDULE *
=====

A revised AO-13 transponder mode schedule for 1994 Sep 12 - Dec 19 is presented below.

During the severe eclipses at the end of October, the mode-B transponder will be ON from MA 0 to MA 30.

An expedition to The Gambia (C56) coincides with this period, and this change is in response to its specific request.

N QST *** AO-13 TRANSPONDER SCHEDULE *** 1994 Sep 12 - Dec 19
Mode-B : MA 30 to MA 150 |<- OFF Oct 22 - Nov 07 for eclipses
Mode-B : MA 150 to MA 190 | max duration 2h 12m
Mode-BS : MA 190 to MA 218 |
Mode-S : MA 218 to MA 220 |<- S beacon only
Mode-S : MA 220 to MA 230 |<- S transponder; B trsp. is OFF
Mode-B : MA 230 to MA 30 | Alon/Alat 230/0
Omnis : MA 250 to MA 140 | Move to attitude 180/0, Dec 19

The battery charge state is of paramount importance during eclipse seasons. As always the command team may have to make temporary changes to the published schedule. In that case we will try to minimise the inconvenience, setting Mode-B OFF from MA 230-256 in the first instance.

Please don't rely on gossip and rumour! Continuous up to date information about AO-13 operations is always available on the beacons, 145.812 MHz or 2400.664 MHz in CW at 0 & 30 minutes past the hour, RTTY at 15 & 45 minutes past the hour and 400 bps PSK otherwise. These bulletins are also posted to Internet, ANS, Packet, PacSats etc, and many international newsletters. A 400 bps PSK decoder is available from G3RUH and several DSP products; display software P3C.EXE etc from many Amsat groups.

The active command stations are listed below, and constructive feedback about operations is always welcome.

Peter DB20S @ DB0FAU.#NDS.DEU.EU
James G3RUH @ GB7DDX.#22.GBR.EU
Graham VK5AGR @ VK5WI.#ADL.#SA.AUS.OC

The above may also be reached via Internet (callsign@amsat.org) and K0-23. Please remember to state clearly a return address.

Notes prepared on behalf of, and in total cooperation with the above by:

James Miller G3RUH @ GB7DDX.#22.GBR.EU 1994 Aug 01 [Mon] 2014 utc

* WEBERSAT NEWS *

=====

WEBERSAT (W0-18) is broadcasting new pictures and light spectrometer data weekly. Software for the extraction, decoding, and display of spectrometer data, written by Bob (KB7KCL), is available by request on AO-16/L0-19, or directly from Weber State University. Monday utc, continues to be the day for the broadcast of the most recent spectrum, along with the week's WOD.

WeberWare 1.0, 1.2, 1.3, or a similar program is required for picture extraction, decoding, and display. WeberWare 1.3 is the current software version, and is available from Weber State University, AMSAT-NA, or AMSAT-UK. The most recent WeberSat double field image is number 9/13.

W0-18 is currently sending another portion of the base line survey of all telemetry channels. The selected channels are 0x36 54 +Y Temp, 0x37 55 PSKHPA Temp, 0x38 56 +Z Temp, 0x39 57 Horizon Sensor 1, 0x3A 58 Spectrometer Light Sensor, and 0x3B 59 Impact Sensor. This is an excellent opportunity for a student, group, or class to use this data to better understand WeberSat's experiments. WOD collection and broadcast will adhere to the following schedule:

28 July/Week2: **Variable (Requests for specific channels will be taken.)
04 August/Week3: BCR, 21 22 29 2F 33 36
11 August/Week4: Temperatures and impact detector, Ch# 14 2F 30 35 3B 40
18 August/Week1: Array currents, Ch# 26 27 28 29 2A 2B

25 August/Week2: **Variable (Requests for specific channels will be taken.)

**If no requests are received for specific WOD, then another part of the base line survey of all telemetry channels will be conducted.

[Info via Tom Davis, EA2CLS]

★ AO-21 NEWS ★

=====

RUDAK2>BEACON <UI>:

RUDAK-II Schedule: (down 145.987, up 435.016)

min/ 9 Beacon Mode

0..2 FM Repeater

3 Digital Audio

4..6 WEFAX Picture

7..8 AFSK TLM

★ UNAMSAT-1 NEWS ★

=====

The UNAMSAT-1 spacecraft is still on the ground and patiently awaiting for its launch, which should take place in the next few weeks. An operations guide for using the UNAMSAT-1 satellite will be available at the AMSAT Symposium in Orlando, Florida. Questions and comments can be directed by Internet mail to: unamsat@aleph.cinstrum.unam.mx.

[Info via XE1TU of the UNAMSAT-1 Team in Mexico City]

★ APT WXSAT NEWS ★

=====

The following weather satellite observations were made in Germany at a staon located at 50.7 degrees North Latitude, 7.1 East Longitude on 31-Jul-94:

NOAA-9: APT 137.62 *OFF*

NOAA-10: APT 137.50 On

NOAA-11: APT 137.62 On

NOAA-12: APT 137.50 On

Meteor 2-21: APT 137.85 *OFF*

Meteor 3-5: APT 137.85 On

NOAA-9 is off due to VHF-conflict with NOAA-11. Checked APT of Meteor 3-3, -4, and -6, no Signal 137.00-137.99 MHz from 06.30 UT until 19.00 UT.

[Info via Peter Henne]

★ THANKS! ★

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Thanks to all those who sent messages of appreciation to SpaceNews,
especially:

KC5IHT K7MGB N7SMS WD9IYT

★ FEEDBACK/INPUT WELCOMED ★

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any
of the following paths:

FAX : 1-908-747-7107
PACKET : KD2BD @ N2KZH.NJ.USA.NA
INTERNET : kd2bd@ka2qhd.de.com -or- kd2bd@amsat.org
SATELLITE : AMSAT-OSCAR-16

MAIL : John A. Magliacane, KD2BD
 Department of Engineering and Technology
 Advanced Technology Center
 Brookdale Community College
 Lincroft, New Jersey 07738
 U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD * /\ /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\ /\ /\ | Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\ /\ /\ | Internet: magliaco@pilot.njin.net
Lincroft, NJ 07738 * \/\ / * Morse : -. -.. ..--- -... -..

Date: 4 Aug 1994 20:45:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: 3Y0PI
To: info-hams@ucsd.edu

The 3Y0PI DX'pedition to Peter I is now in its final stages. The gear and
equipment that left the U.S. in October has now found its way home again.
It travels to Montevideo, Uruguay; to the Falklands; to Peter I; to the
South Shetlands; to Capetown; to Antwerp. There it was put in a sea

container and shipped back to the U.S. The boxes I lovingly packed in October are now back in my garage.

Thanks to all of you DX'ers out there for your support and encouragement.

The chapter is closed. 73 to all and thank again.

Ralph Fedor - K0IR (3Y0PI team leader)
RFedor@aol.com

Date: 4 Aug 1994 17:39:06 -0500
From: cs.utexas.edu!not-for-mail@uunet.uu.net
Subject: Bay Area Livermore hamfest
To: info-hams@ucsd.edu

Greetings! Can anyone provide times and directions to the Livermore swap this saturday at Los Positas College? I am coming from the

Mountain View area. Thanx.

73 de dave, n9uxu

Date: 4 Aug 1994 18:51:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: INFO WANTED: Yaesu FT-530
To: info-hams@ucsd.edu

In article <31m5f6\$82l@lucy.infi.net>, ke4fsm@infi.net (Sam Marshall) writes:

Sam, what are the mods for the 530 and what freqs. are available on it?
tnx

Date: Fri, 5 Aug 1994 03:01:00 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!eff!news.kei.com!ub!acsu.buffalo.edu!ubvms.cc.buffalo.edu!oopdavid@network.ucsd.edu
Subject: Mobile Radio in Dodge Caravan?
To: info-hams@ucsd.edu

In article <lenwink.143.0007A844@indirect.com>, lenwink@indirect.com (Len Winkler) writes...

>In article <31oebn\$ncm@paperboy.gsfc.nasa.gov> lvn@cen.com (Larry Novak) writes:

>>Path: indirect.com!news.sprintlink.net!hookup!news.kei.com!eff!news.umbc.edu!
haven.umd.edu!cs.umd.edu!newsfeed.gsfc.nasa.gov!lvn
>>From: lvncen.com (Larry Novak)
>>Newsgroups: rec.radio.amateur.misc
>>Subject: Mobile Radio in Dodge Caravan?
>>Date: 3 Aug 1994 15:50:15 GMT
>>Organization: Century Computing, Inc., Laurel, MD
>>Lines: 7
>>Distribution: usa
>>Message-ID: <31oebn\$ncm@paperboy.gsfc.nasa.gov>
>>NNTP-Posting-Host: fox.gsfc.nasa.gov
>>Mime-Version: 1.0
>>Content-Type: text/plain; charset=US-ASCII
>>Content-Transfer-Encoding: 7bit

>
>
>>I'm about to install my 2 meter mobile in my Dodge Caravan and would
>>like to hear what others have done. Offhand, no outstanding location for
>>mounting it is leaping out at me.

>
>>Thanks,
>>Larry, K3TLX

>
>I merely drilled my dual bander into the right hand side of the center hump.
>And got power from the fuse box. It works. 73, Len, KB7LPW
My wife absolutely did NOT want a radio in the new Town & Country. So
a friend of mine suggested the Standard rig with the controls in the mic.
It goes under the driver's seat. I take out the mic to talk, otherwise
no radio to bother her.
Dave KN2M

>
>

Date: Thu, 4 Aug 94 22:13:47 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Ramsey SlyFox
To: info-hams@ucsd.edu

Hey Joe, If you think you're talented enough, give me a call and I'll
send you a free kit of your choice! Then you can see for yourself,
is that fair? Seems like you're no different from the other
Ramsey slammers - give me a call (716) 924-4560, ask for me, I'll
even reimburse you for the call - or will you bitch about that too?
73, John

Date: Thu, 4 Aug 94 22:27:25 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Ramsey SlyFox
To: info-hams@ucsd.edu

Greg Bullough <greg@netcom.com> writes:

>>Quoting again, "But when I spread the turns on the kit unit... and
>>retuned the final capacitor, power increased dramatically... The second,
>>third, and fourth harmonics of the kit now measure -70, -50, and -70 dB
>>respectively, _EASILY_ satisfying FCC requirements. All spurious
>>emissions are better than 54 dB below the carrier..." (emphasis mine)
>>Every kit builder should have a wattmeter and a dummy load,(available
>>from Radio Shack).

If you follow the directions and tune up as we say, the unit will
operate and meet spec properly! Do we have to make the kits work
without the builder reading the insrtuctions?
d

>Heath sure did. They told you how to align their kits. If it was beyond
>the stated target market, they shipped that section, pre-built and aligned.

Is reading English and following directions, "beyond our target market"?

>So you see, if Ramsey would look at the dichotomy between the abilities
>of the people who are buying this stuff, and the requirements of the
>kit, and do what is needed to close the gap, we wouldn't have to have
>these discussions again and again. They have several options, but don't
>seem to choose any of them.

Greg, why don't you build one and tell the folks how hard it is??
Call me and I'll send you a kit for nothing - is that reasonable?
My number is (716) 924-4560, no sorry - you can't use the 800
number. Remember ask for me personally... and that phone number
works for all you other folks out there too, quit your belly-
aching and call me if you have a question, problem or gripe.
Fair enough???
73, John Ramsey

Date: 4 Aug 1994 15:16:42 -0400
From: bounce-back@uunet.uu.net
Subject: RFD rec.antiques.radio+phono

To: info-hams@ucsd.edu

RFD REC.ANTIQUES.RADIO+PHONO

Name: rec.antiques.radio+phono (unmoderated)

Charter: Discussion of the use, repair, and collecting of early standard-broadcast radios; phonographs; and any other similarly-related items designed for home entertainment sound receiving or sound reproduction.

Proposed Discussion Period: The 21 days following official acceptance of this proposal by the moderator of news.announce.newgroups

Scope: This group is intended to be a forum for those with an interest in sound-receiving and sound-reproduction equipment that was generally manufactured prior to the widespread use of transistors. The group's discussion, however, will not be strictly limited to vacuum-tube and mechanical devices, and those with an interest in early transistor radios, early televisions, and other such items that reflect pioneering audio technology will be welcomed.

Exclusions:

Amateur radio equipment discussion will be directed to the existing amateur radio newsgroups and to the boatanchors list. This is only done because those groups present an established forum for people with an interest in classic amateur radio equipment. Those classic amateur radio collectors who also share an interest in early standard-broadcast equipment will fully appreciate the desire to separate the two interests. Their valuable expertise will, however, be most welcome in all forums.

Rationale:

Hierarchy - This group is proposed as a sub-group of rec.antiques because much of the equipment in question shares the common feature of being designed as home furnishing and/or decoration. For this reason, there is a close affiliation between those with an interest in early home-use sound reproduction equipment and others with interests in antique furniture restoration, appreciation for decorative style of various historic eras, and the historic importance of original sound recordings and broadcasts. Furthermore, the discussion of "classic" *amateur* radio often involves terminology and subject matter that is outside the vocabulary and interest of many antique radio and phono collectors.

While there is certainly some obvious technical common ground, there is clearly good cause for two separate groups to exist and for them to be separated under different hierarchies.

Newsgroup Name - The choice of rec.antiques.radio+phono was made to reflect the interests of the group of enthusiasts (mostly contributors to rec.antiques) who began discussing the formation of a new newsgroup more than a year ago. It was the intention of those first interested parties to form a group that distinctly focused on, and clearly identified, an interest in the closely-related development of home-use phonographs (including cylinder players, music boxes, related materials, etc.) and standard-broadcast radios (and related equipment). Any person who feels compelled to propose an alternative name is asked to first consider that the intention of this proposal is to create a group with very specific interests, and not one that is so broad as to include all early technology, electronic equipment, etc.

Date: 4 Aug 1994 22:51:51 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!usc!elroy.jpl.nasa.gov!
wp-sp.nba.trw.com!gatekeeper.esl.com!m32011.esl.com!user@network.ucsd.edu
Subject: Technician No Code
To: info-hams@ucsd.edu

[*snip*]

> >Stopping with the Tech is kind of like going to
> >B&R and only getting to choose from 15 flavors. Unless you're *sure*
> >you only want VHF+, get the code out of the way now and keep your
> >options open.
>
> As surprising as it may be, I agree with Mike on this. HF does offer things
> VHF+ doesn't, and I'd also recommend learning the code.

Warning: The following are the words of a newbie... :-)

But can't I get my NCT passed and while my documents are on the way study for the Morse Code? I thought I read I can take the 5wpm test _any_ time after I passed the NCT test. That way I thought I could get involved with ham radio sooner, and expand as my skills grow. Just because I take the NCT doesn't _limit_ me from moving up, right?

Maybe I'm wrong about the timing on the tests and what is allowed, but I guess I thought anyone with a NCT could simply pass the MC test to get to Tech

Plus.

Am I wrong? I am interested, because I am a ham wanna-be, and am looking at test options. I heard the licence takes a couple of months to get once one has passed the exam, so I'd like to get started now. That way I can beg for a HT for Christmas! :-)

Davin "speaking for me only" Bentti

Date: 4 Aug 1994 21:15:52 GMT
From: newsgate.watson.ibm.com!watnews.watson.ibm.com!vinod@uunet.uu.net
Subject: Technician No Code
To: info-hams@ucsd.edu

In article <1994Aug4.094831.1@miavx3.mid.muohio.edu>, clmorgan@miavx3.mid.muohio.edu (Carl Morgan) writes:
|> Seriously, the ARRL is available via the Internet. Sorry,
|> I don't have their address.

Try info@arrl.org, you can send a note with the single word HELP in the body of the note. Here is what was posted for Minnesota.

MINNESOTA

07/07/94,A,Mankato,,507-388-2581,Arcie T Kimpie
07/11/94,A,Duluth,,218-626-2590,Douglas Nelson
08/06/94,A,Hutchinson,,612-587-8736,Roger Vacek WA00EU
08/06/94,A,St Paul,,612-222-7253,John Bellows
08/13/94,A,N Branch,,612-444-9814,Bradley Fern
08/20/94,A,Cottage Grove,,612-459-8678,David Harrell
09/03/94,A,St Paul,,612-222-7253,John Bellows
09/10/94,A,Bloomington,,612-888-6187,Jerry Jensen
09/17/94,A,Cottage Grove,,612-459-8678,David Harrell
10/01/94,A,St Paul,,612-222-7253,John Bellows
10/08/94,A,Bloomington,,612-888-6187,Jerry Jensen
10/08/94,A,N Branch,,612-444-9814,Bradley Fern

Good luck!

--vinod, N2ZKE
email: vinod@watson.ibm.com

Date: Thu, 4 Aug 94 20:37:49 -0500

From: news.delphi.com!usenet@uunet.uu.net
Subject: Wayne Green Live!
To: info-hams@ucsd.edu

Hi Len....George N2LQS w/This Week in Amateur Radio. We would really like to be on Ham Radio & More. Being North America's only satellite fed on band bulletin service, we could sure use the exposure! You can e-mail me here or call us at (518) 283-3665! Keep up the good work! Listen to you every week on Spacenet 3!

73
george - N2LQS

Date: 5 Aug 94 12:36:47 GMT
From: news-mail-gateway@ucsd.edu
Subject: WEFAX Reception
To: info-hams@ucsd.edu

Grahm Davies asked about what is needed to do WEFAX reception of weather charts, satellite images, and press photos. Very little is needed. Any radio which has single side band (SSB/ USB) capability will work. I have used both my Sony 2010 portable receiver and my Icom 737 transceiver with good success. The interface needed can be made for between \$10-\$15 and is simple. It connects directly to the serial port by a modem cable. The audio output of the radio goes into the interface (FM demodulator). Plans can be found on page 40 of Sept. 1991 QST. The most popular program to use is JVFAX. It is available at various FTP sites and is said to be freeware, not shareware. I am aware of no legal problems with receiving these images over the airwaves. I have used my setup to capture images (WEFAX) from Norfolk, VA and from Europe. I have also received press images from South America. Anyone who wants plans can send me a SASE (I'm in the '94 book as KB1AWV).

Other references: Monitoring Times, Jan. 1994, p. 96
Monitoring Times, April. 1994 p. 72
Weatherwise, Oct/Nov 1992, p. 29
Electronics Now, Aug. 1994, p.53?

Ken Carr...KB1AWV

Date: Thu, 4 Aug 94 22:44:29 -0500
From: news.delphi.com!usenet@uunet.uu.net
To: info-hams@ucsd.edu

References <119018@cup.portal.com>, <31mhat\$q4r@chnews.intel.com>,
<gregCtyz0s.E2G@netcom.com>

Subject : Re: Ramsey SlyFox

Greg Bullough <greg@netcom.com> writes:

>Mr. Moore seems determined to show that Ramsey has gotten a bad
>rap. Frankly, I just don't see it. I see very real problems, starting
>with the way in which the ads represent the merchandise. While changes
>could be made which would make Mr. Moore's points about 'know what
>you're doing' valid, I don't see any evidence of significant progress
>in that regard.

Greg, I am most anxiously awaiting your call! I'm sure the entire
group can't wait to see how you do building this tough kit that is
taxing the abilities of those who have never even seen anything
more than these postings. 73, John Ramsey

Date: Thu, 4 Aug 94 22:38:40 -0500
From: news.delphi.com!usenet@uunet.uu.net
To: info-hams@ucsd.edu

References <gregCtpuwo.F3y@netcom.com>, <31c699\$7sv@chnews.intel.com>,
<31msae\$6ua@apple.com>
Subject : Re: Ramsey SlyFox

Kok Chen <kchen@apple.com> writes:

>Look, I interpret what John Ramsey wrote as: Ramsey purposely made the
>coils a little larger than necessary, so that simpletons could tune
>the stuff they had built with very little trouble. Had he made the
>coils a little smaller, the purchaser would have had to add more turns,
>which is much more difficult to do, to achieve equivalent ability
>to tune. Thus
>
>>> it's easier to spread the coils a bit than to have to add more turns!

Yes, yes somebody understands....

>If you find John's explanation so hard to understand, how did you
>blokes understand Icom manuals, anyway? :-)

THANK YOU, elegantly stated!

Date: 4 Aug 94 20:40:24 CDT
From: equalizer!timbuk.cray.com!walter.cray.com!renaissance!www@network.ucsd.edu

To: info-hams@ucsd.edu

References <slayCtvMp5.7E2@netcom.com>, <CtvuG5.DIy@news.Hawaii.Edu>,
<slayCtwuq3.4s9@netcom.com>

Subject : Re: What to do with old OST's

In article <slayCtwuq3.4s9@netcom.com>, slay@netcom.com (Sandy Lynch) writes:

|> : While visiting the small beach town of Carpenteria last year I went
|> : to the public library and found QST. Again, this is a small town yet
|> : those issues showed signs of wear.
|>
|> : > (Oh boy I'll bet ur gonna tell me about all the non-hams
|> : >you know who've read an old QST cover-to-cover and came to see the light.
|>
|> Thanks for confirming it.

Hi Sandy!

Sandy has a good point. When I was in junior high school, my local library carried QST. I discovered that they kept the back issues for 5 years, then chucked them. So I had a deal going with the librarian to call me each year when they were going to do the deed. I ended up with several years worth of back issues (which are sitting in my parents basement to this day).

Our local library carries a few years of back issues of QST as well. I suspect they have a similar policy.

Walt

Walt Spector
(wws@renaissance.cray.com)
Sunnyvale, California

"Today is the dawn of a new age,
if only (click!)"
The Biederbecke Affair

..- ..- -.- ..-

End of Info-Hams Digest V94 #879
